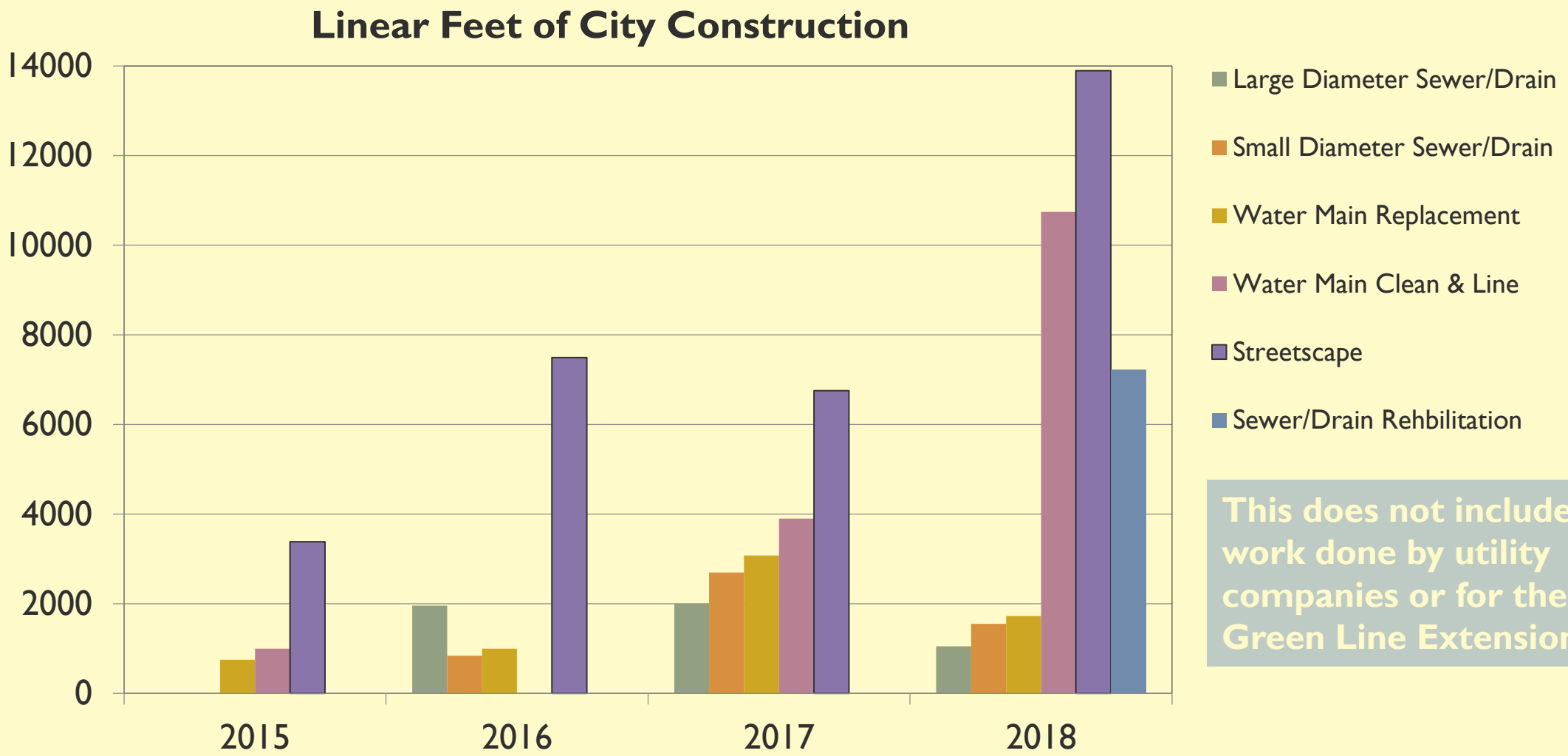
WARD 2 RESISTAT

MAYOR JOE CURTATONE

WARD 2 ALDERMAN J.T. SCOTT

Is It Just Me Or Is There More Construction Than Usual?

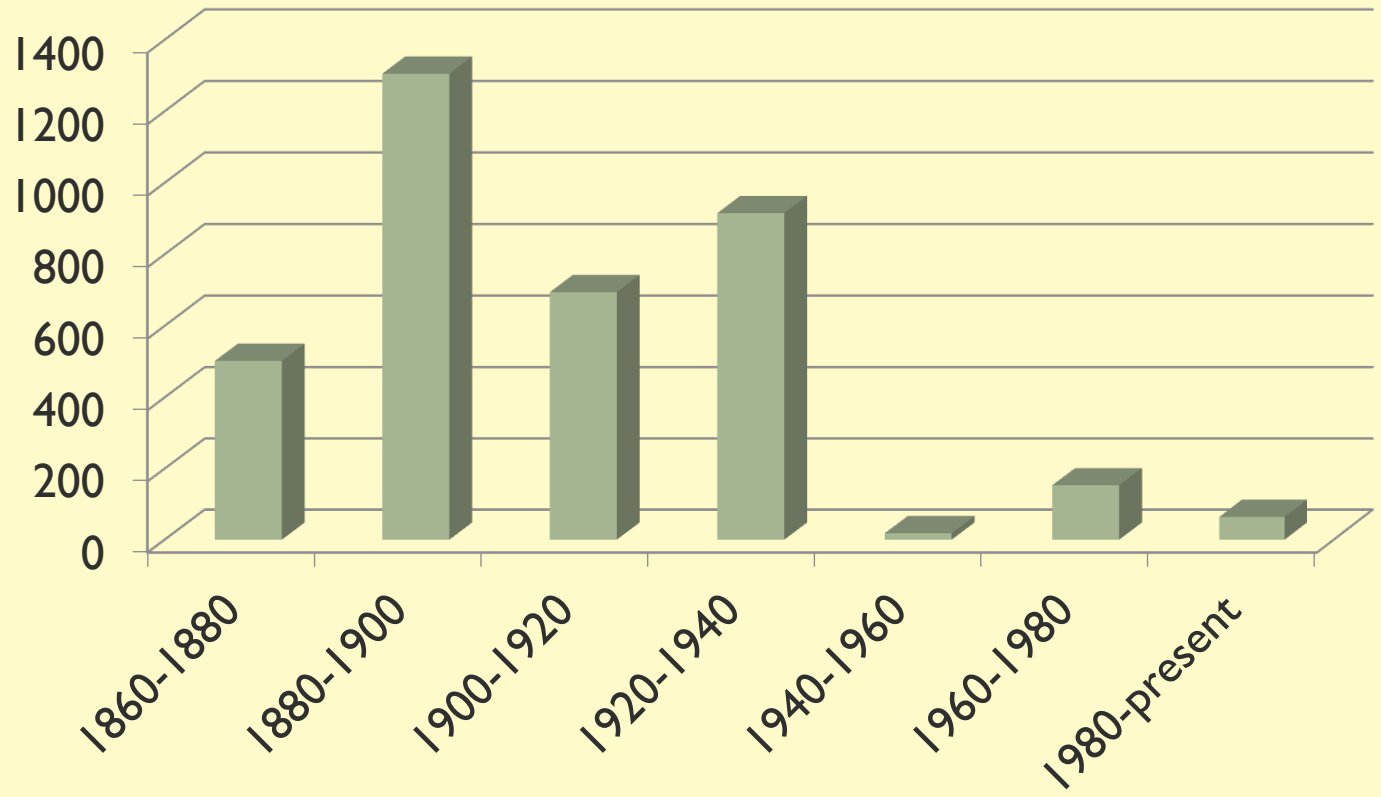


This does not include work done by utility companies or for the Green Line Extension.

2018
CoS - Street Repaving
And Sidewalk Improvements
CoS - Water Main Upgrades
CoS - Building Projects
CoS - Parks Projects
GLX
Green Line
Extension
New 16" Water Main
New 14' by
6' Stormwater Box
Culvert
New 12" Water Main
Existing
Communications,
Electric, and Gas
New
Communications
Duct Bank
Line Existing 12" Clay
Sanitary Sewer
Line Existing 39" by 26"
Brick Sanitary Sewer
Line Existing 72" Brick
Combined Sewer
Date: April 3, 2018
City of Somerville
Engineering Department, GIS Division
1 Franey Rd
Somerville MA 02145
BOSTON

Somerville is an old city, with some old infrastructure.

Water & Sewer Pipes Installed Per 20 Years



Some infrastructure work has been kicked down the road. We would need to do this work now, regardless of anything else happening in Somerville.

SOMERVILLE UNDER CONSTRUCTION

- Why now?
- How does this work fit with the Somerville community's values?
- Living through construction
- What about small businesses? Is there anything I can do to help?

Knowing there are a lot of infrastructure needs to be addressed, we've gone after a variety of funding sources to help with the cost.

Source	Total (since FY04)
Housing and Urban Development	$9.7 million
Metropolitan Planning Organization (transit)	$65.1 million
State and Federal Grants	$21.7 million
Massachusetts School Building Authority	$48.3 million
Chapter 90 (streets and sidewalks)	$15 million
	$159.7 million

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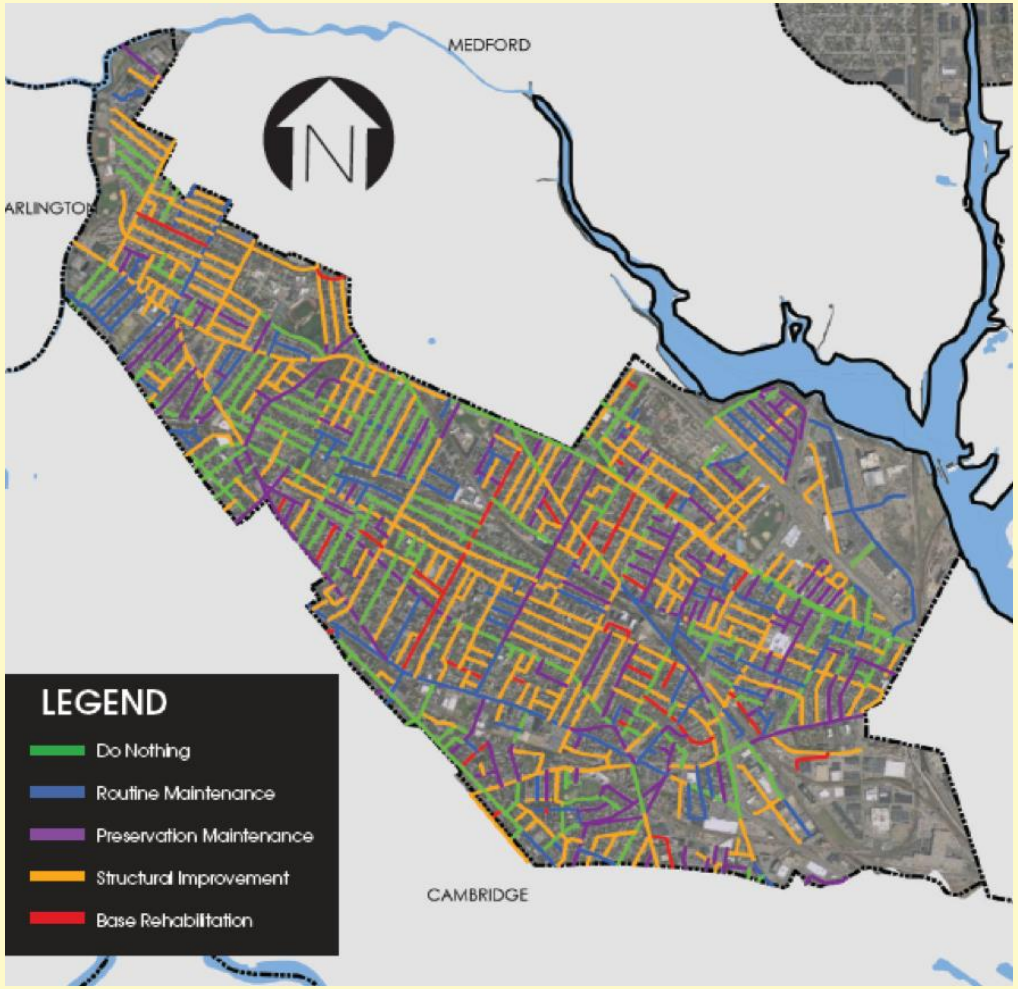
Collecting data about the conditions of our buildings, roads, and sidewalks will help us better prioritize future work and invest in less expensive, less disruptive preventive maintenance.



Base rehabilitation of a road costs nearly 7 times more than preventive maintenance.

SOMERVILLE UNDER CONSTRUCTION

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Although many of these infrastructure projects would need to happen anyway, they also help reach Somerville's SomerVision goals.

	Goal	Progress as of July 1, 2018	%
Housing Units	6,000	1,743	29%
Affordable Housing Units	1,200	363	30%
Commercial Space (square footage)	7.8 million	1.7 million	22%
New Jobs	30,000	6,517	22%
New Useable Open Space (acres)	125	17	14%

SOMERVILLE UNDER CONSTRUCTION

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We reevaluate these goals as time goes on and use new data to shape priorities.

Get SomerVision updates at somervillema.gov/somervision

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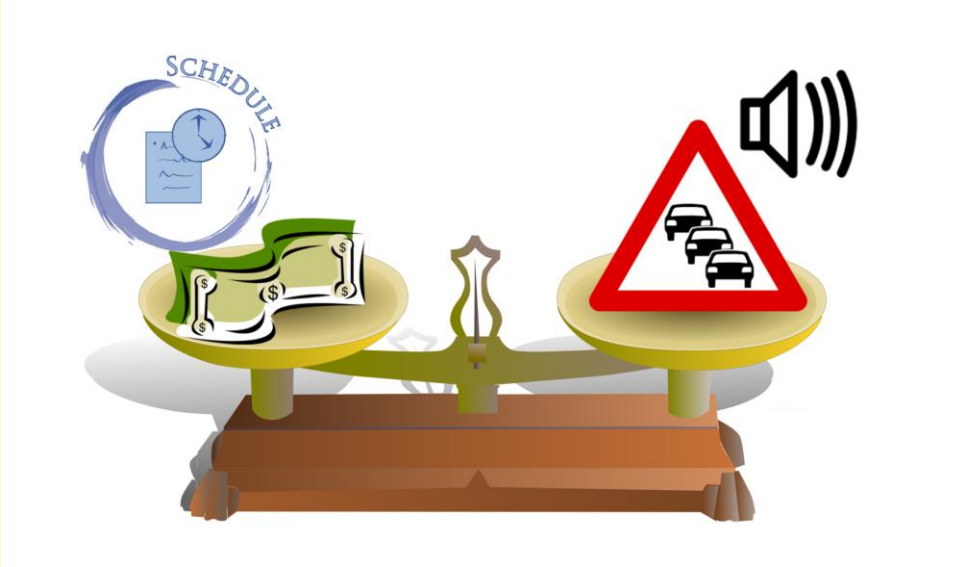

- Before work starts, projects teams look at issues like traffic and noise.
- They need to balance mitigating impacts to residents and businesses with completing projects on time and within budget.

SOMERVILLE UNDER CONSTRUCTION

- **Why now?**
- **How does this work fit with the Somerville community's values?**
- **Living through construction**
- **What about small businesses? Is there anything I can do to help?**

- We've set up a central email address for any construction concerns or questions:
  - construction@somervillema.gov
- Get updates through our construction newsletter
  - Email construction@somervillema.gov and ask to be put on the list
- Three new positions were created to help get construction information out and to address resident and business owner concerns:
  - Erica Mace, Construction Public Information Officer
  - Jesse Moos, Construction Liaison and Compliance Manager
  - Viola Augustin, GLX Project Liaison

SOMERVILLE UNDER CONSTRUCTION

- Why now?
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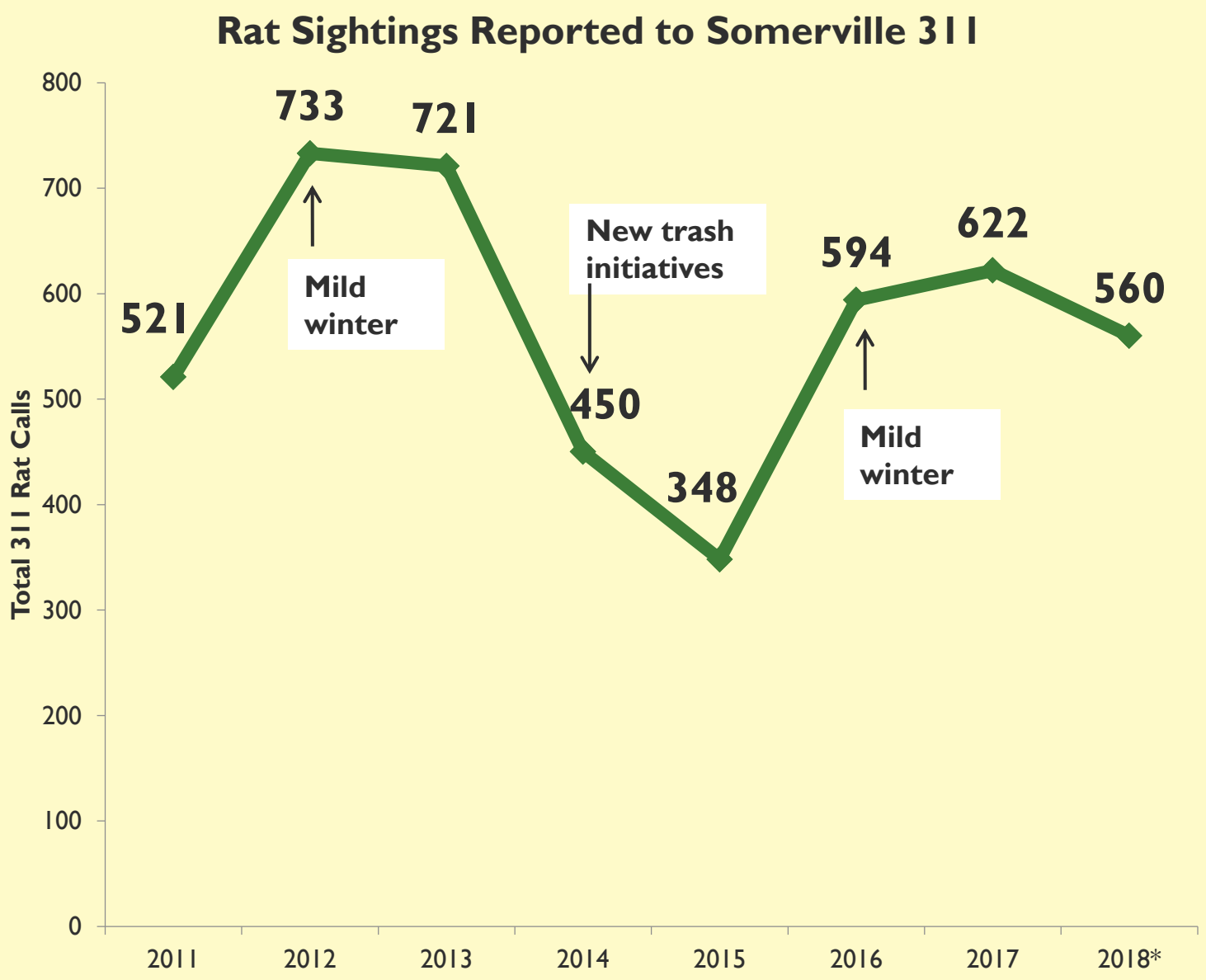
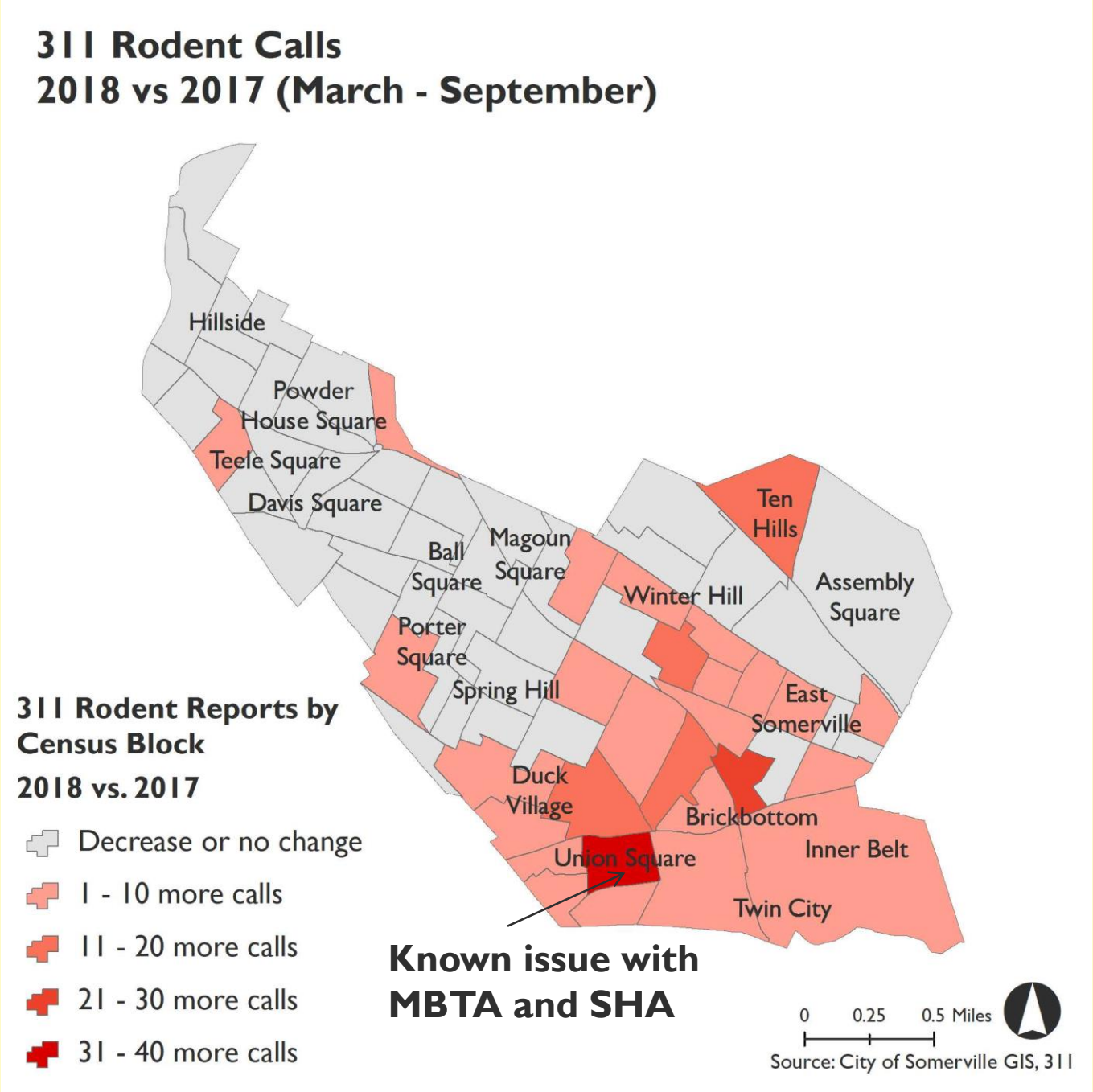


* 2018 data is through October 21

RODENT REPORTS

We monitor 311 data and target rodent control resources based on constituent reports.

We know that weather changes and proper waste management can affect the number of rodent sightings.



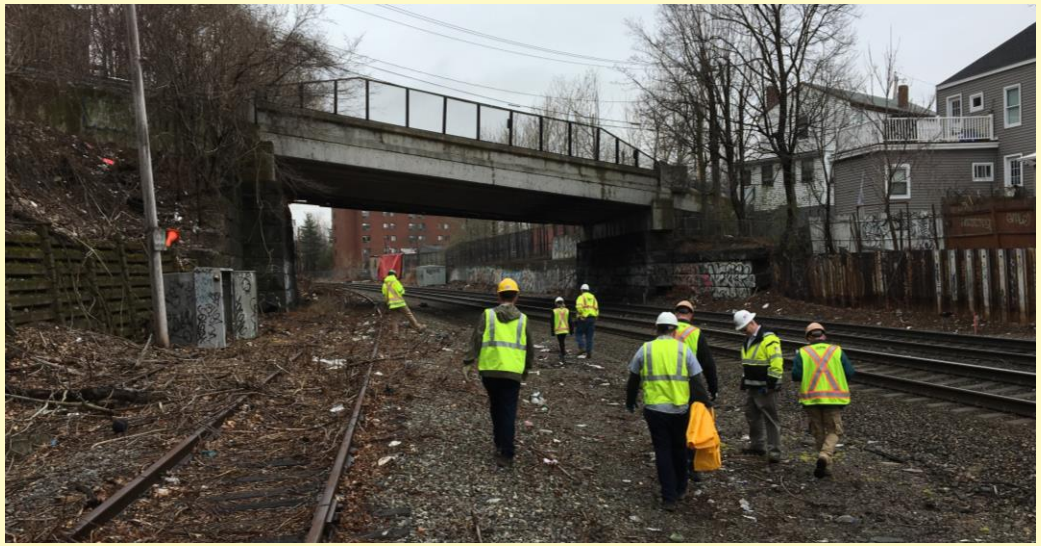
TRACKING CHANGE

This map shows areas where rat reports have increased in 2018 compared to 2017.

The data aren't perfect, but they can give indications of problem areas.

ISD is coordinating with the MBTA and SHA to address a known problem area in Ward 2.

Dr. Corrigan and Mayor Curtatone discuss rodent control along Somerville Ave.



Dr. Corrigan with GLX staff assessing rodent conditions in the rail corridor

ENHANCING OUR RODENT CONTROL TOOLKIT IN 2018

We conducted a baseline assessment of rodent activity at major construction projects.

We funded a new staff position, the Environmental Health Coordinator, devoted to rodent control. Hiring is in process.

- 84% of businesses in the Boston metro area have fewer than 20 employees. Small businesses are a BIG part of our economy.
- A New York City study found that businesses in areas of streetscape improvements had in increase in sales (up to 50%).
- Despite later benefits, construction can be tough on small businesses. Some local businesses have reported losing between 20% and 50% of business when there's construction nearby.

SOMERVILLE UNDER CONSTRUCTION

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- Economic Development does targeted outreach to businesses in construction areas.
- We've holding events to bring people into affected neighborhoods and introduce them to local businesses.
- New assistance programs and Loyal 2 Local campaign to help businesses weather construction.

SOMERVILLE UNDER CONSTRUCTION

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- **Ultimately, local businesses need customer support:**
  - Patronize them and encourage others to do the same
  - Use the #Loyal2Local hashtag on social media to spread awareness and remind others that businesses are open
  - Go to events in different squares and business districts
  - If you can, park farther away or use public transportation so that nearby spaces are available to those who need them most

LOYAL 2 LOCAL
SOMERVILLE

SOMERVILLE UNDER CONSTRUCTION

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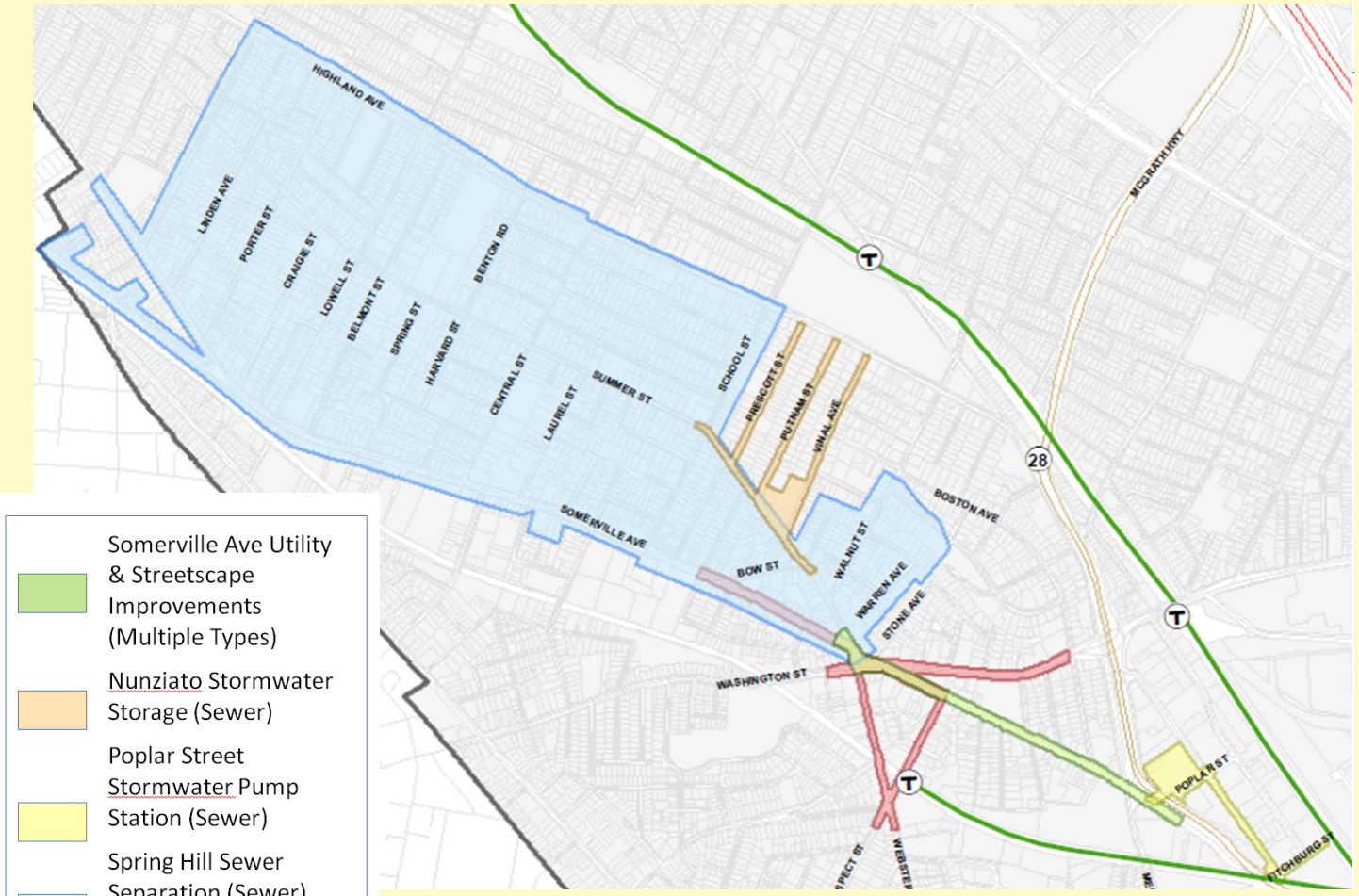
PROJECTS IN AND AROUND WARD 2

Union Square Infrastructure Program



- Somerville Ave Utility & Streetscape Improvements (Multiple Types)
- Nunziato Stormwater Storage (Sewer)
- Poplar Street Stormwater Pump Station (Sewer)
- Spring Hill Sewer Separation (Sewer)
- Union Square Streetscape & Plaza (Streetscape)

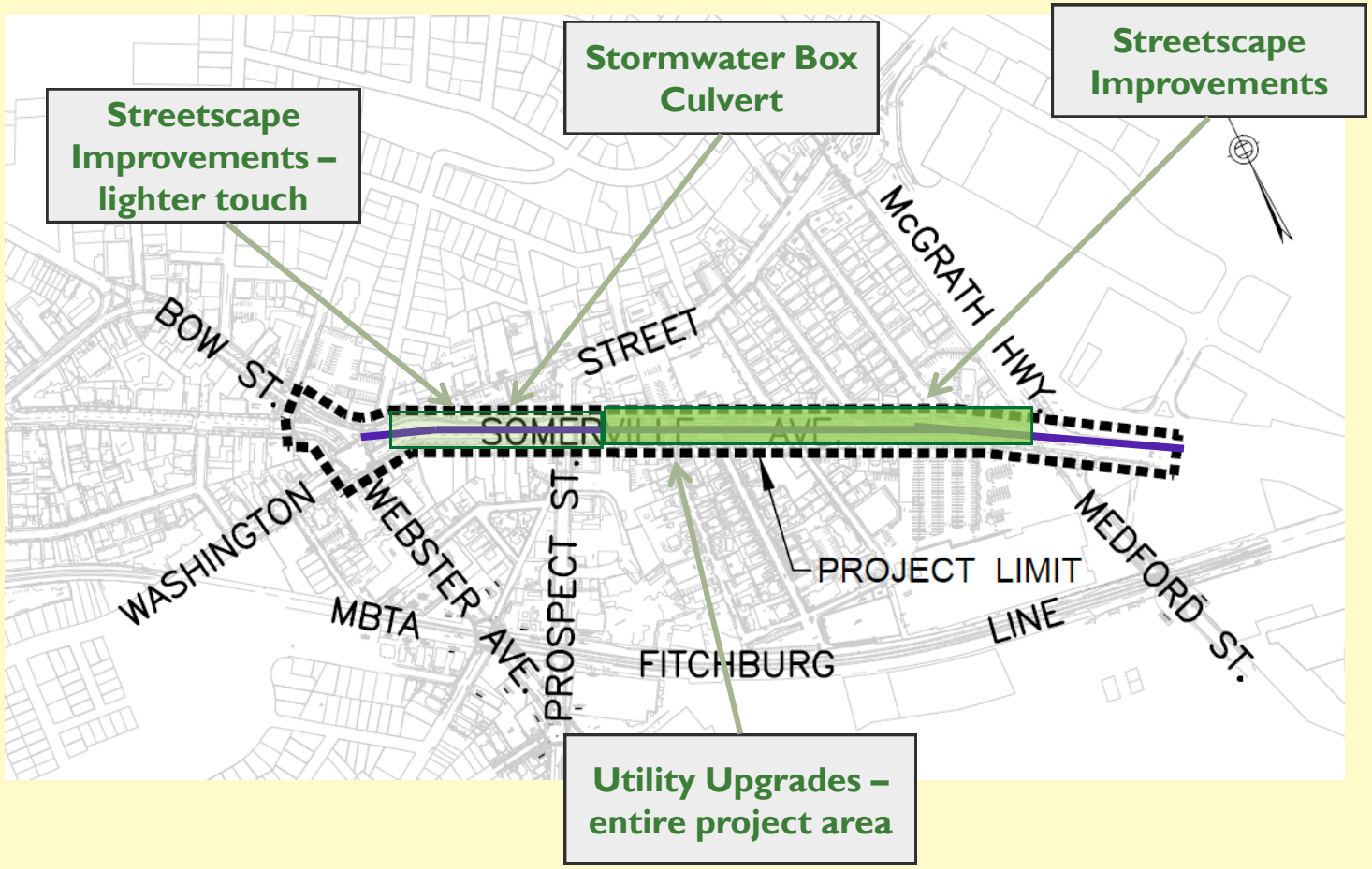
SOMERVILLE UNDER CONSTRUCTION

- Somerville Ave. Utility & Streetscape
- Mobility in Union Square
- Green Line Extension
  - Broadway Bridge
  - Washington Street Bridge
- Lincoln Park
- Beacon Street
- Webster Avenue

Project Overview

Construction timeframe:

- **April 2018 – Summer 2021**



SOMERVILLE UNDER CONSTRUCTION

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- **Green Line Extension**
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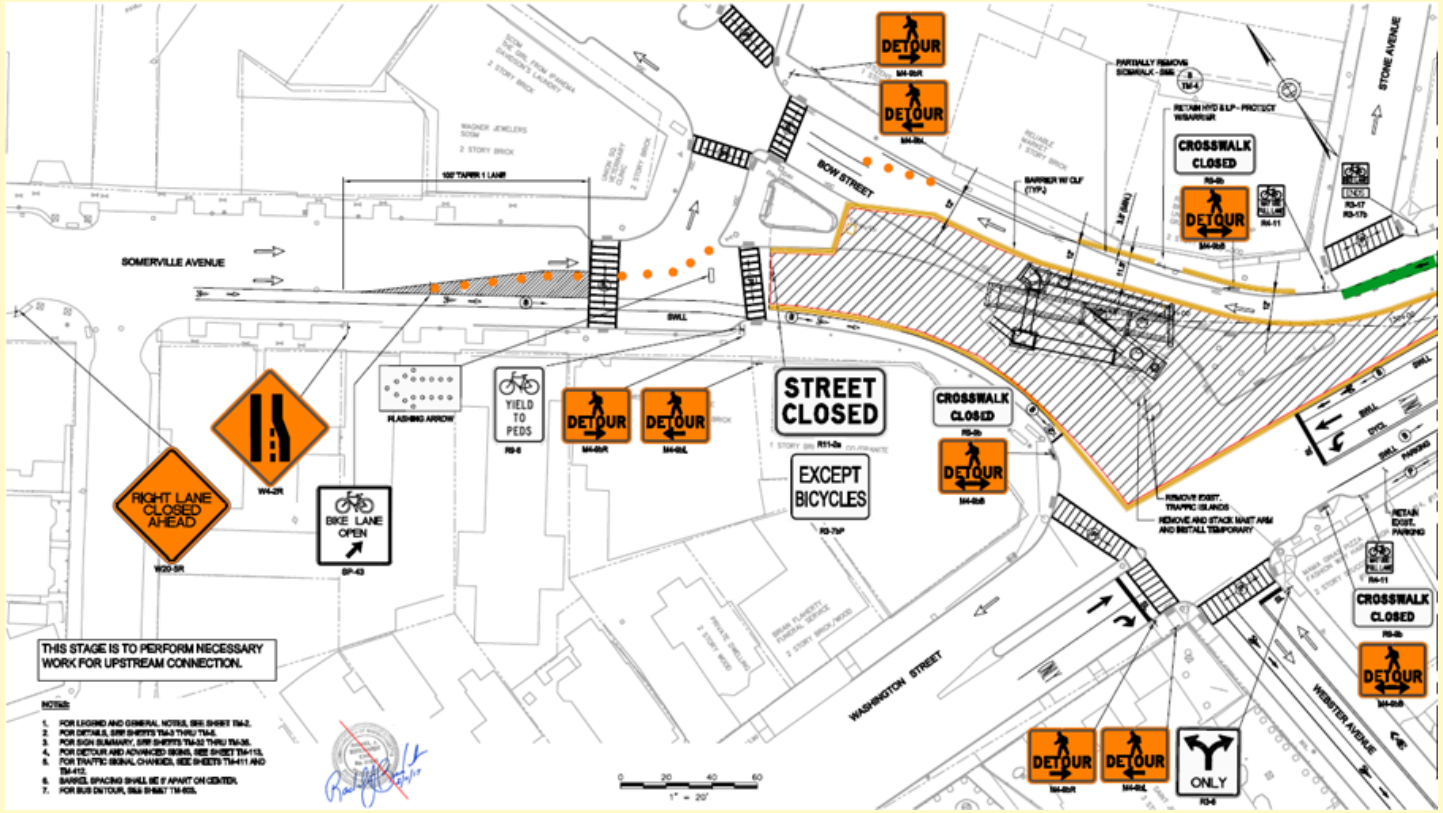
- **Webster Avenue**

Upcoming Construction

Box culvert installation/upstream connection timeline:

- **November 2018 – April 2019**



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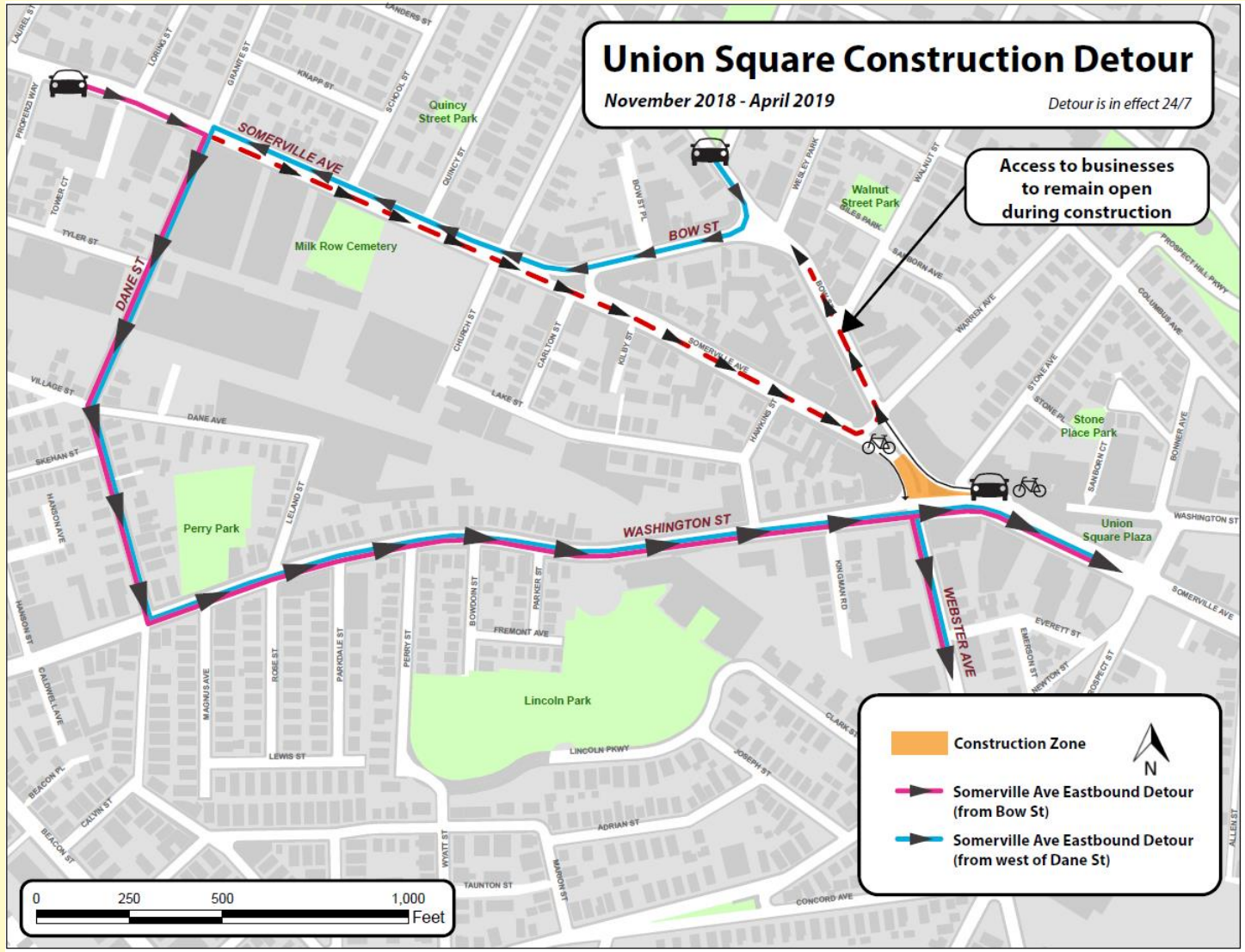
Traffic Impacts and Detours



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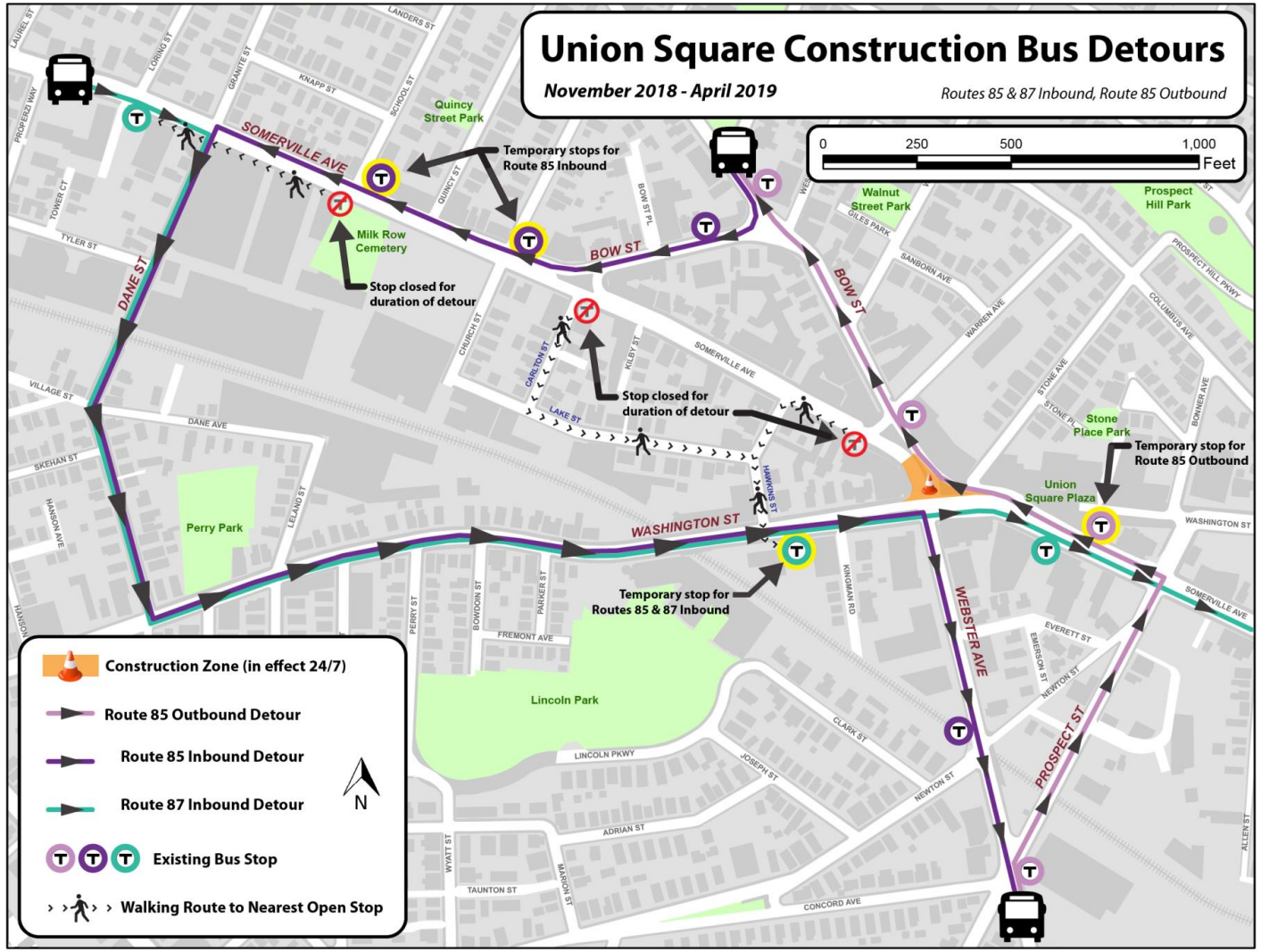
Bus Route Detours and Stop Relocations



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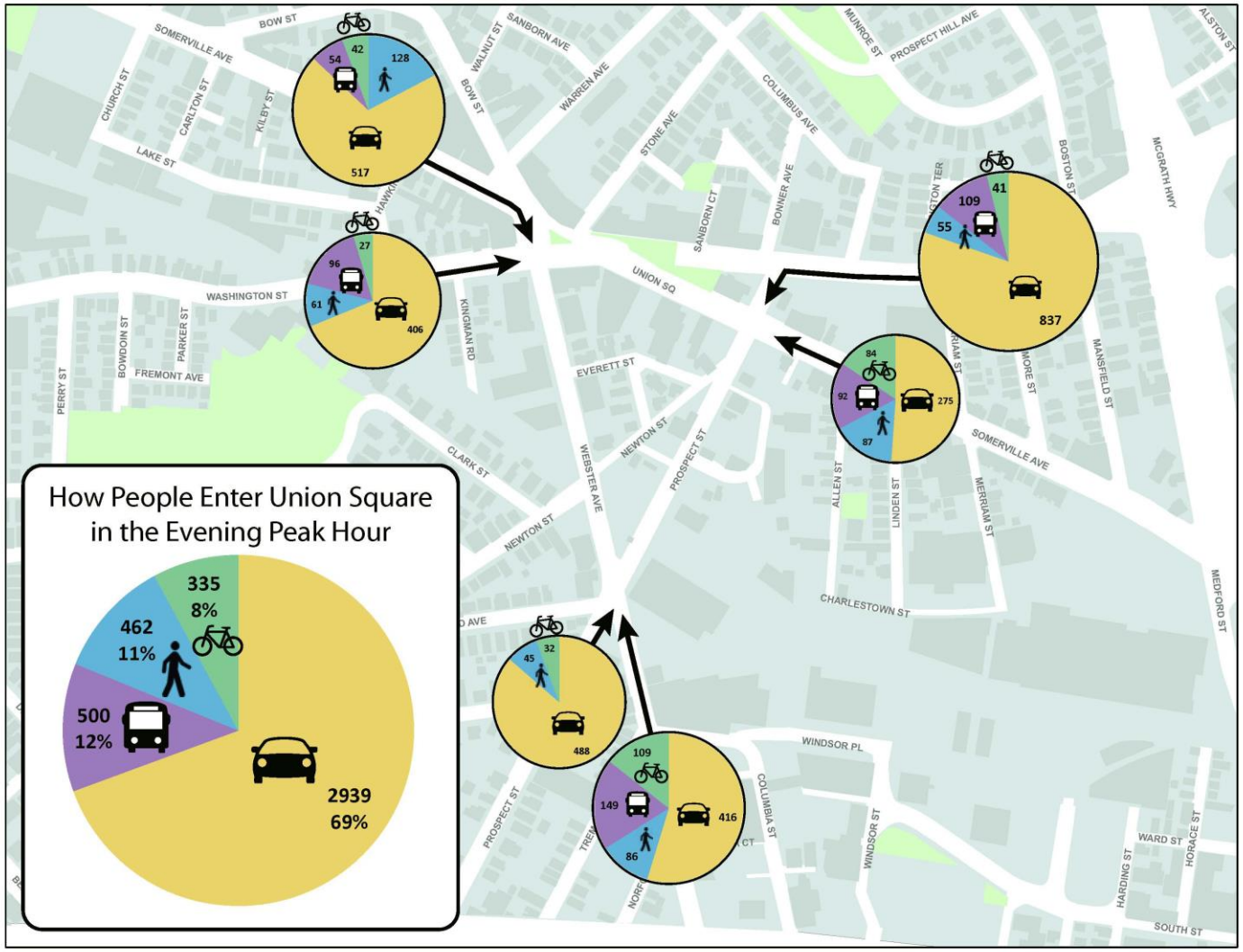

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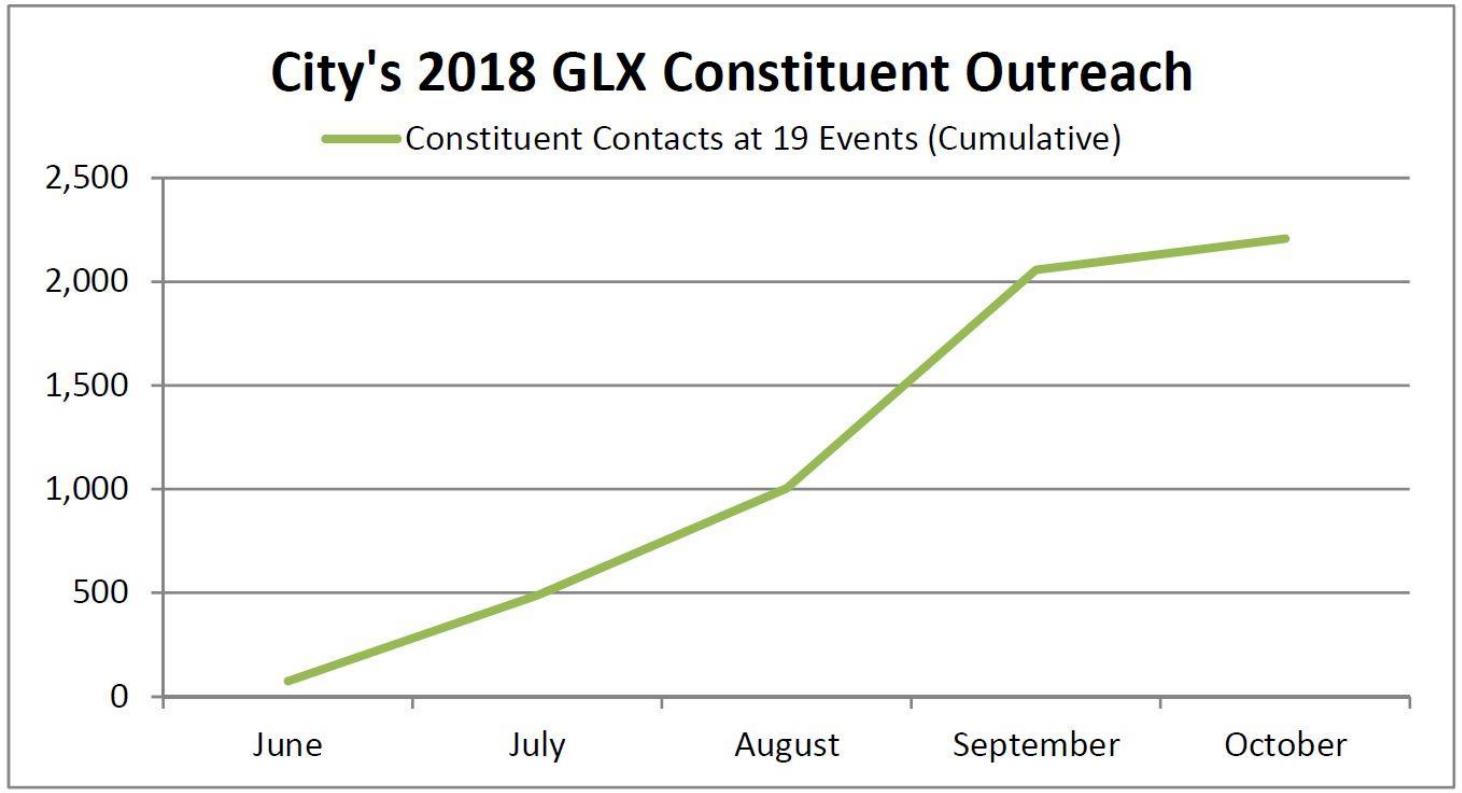
GLX OUTREACH & ENGAGEMENT: 2018 CALENDAR



Scheduled to be closed January 2019 – January 2020

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Potential Vehicle Detours

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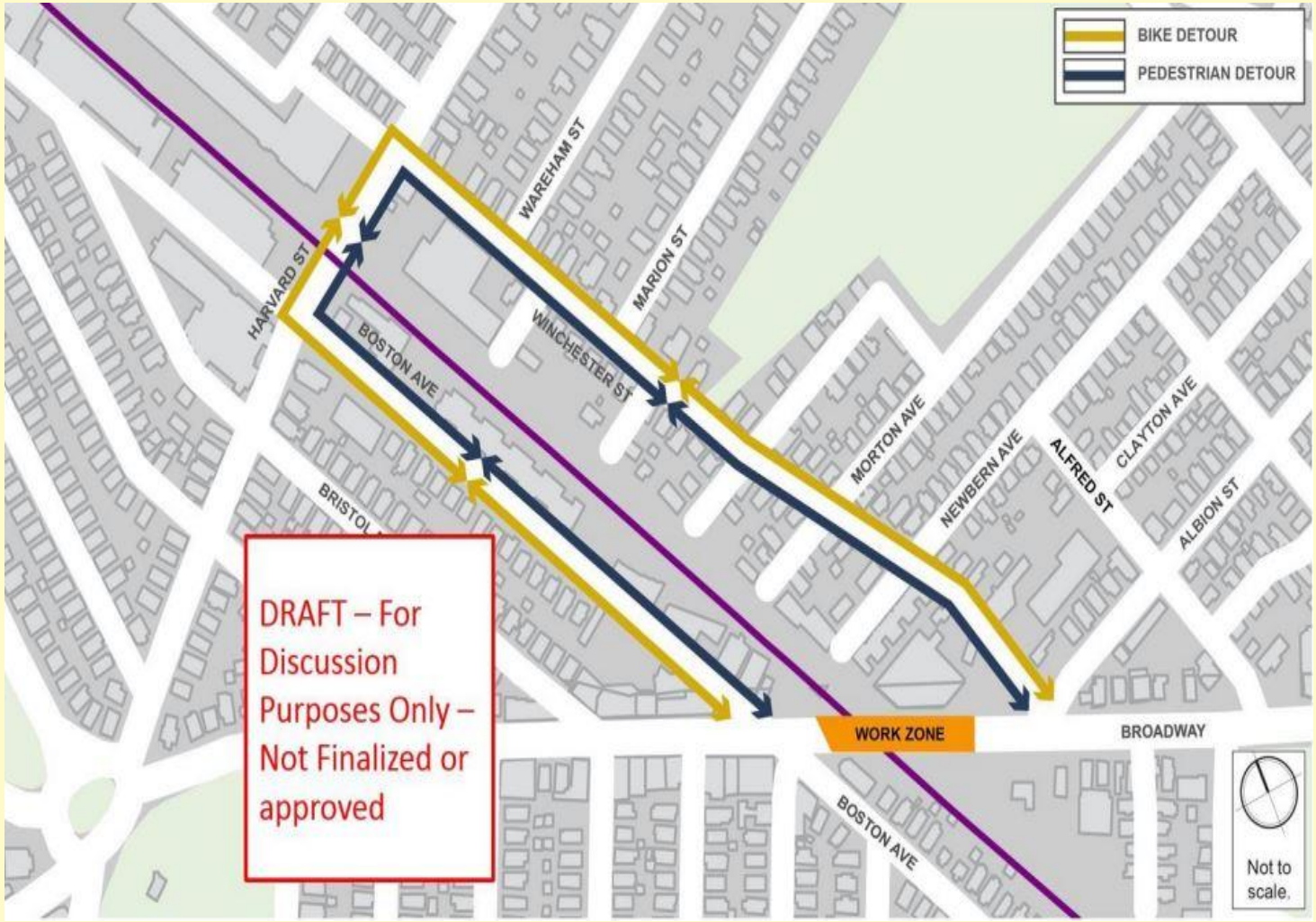
Potential Pedestrian and Bike Detours



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Scheduled to be closed Spring 2019 – Winter 2019/2020 and Spring 2020 to Fall 2020

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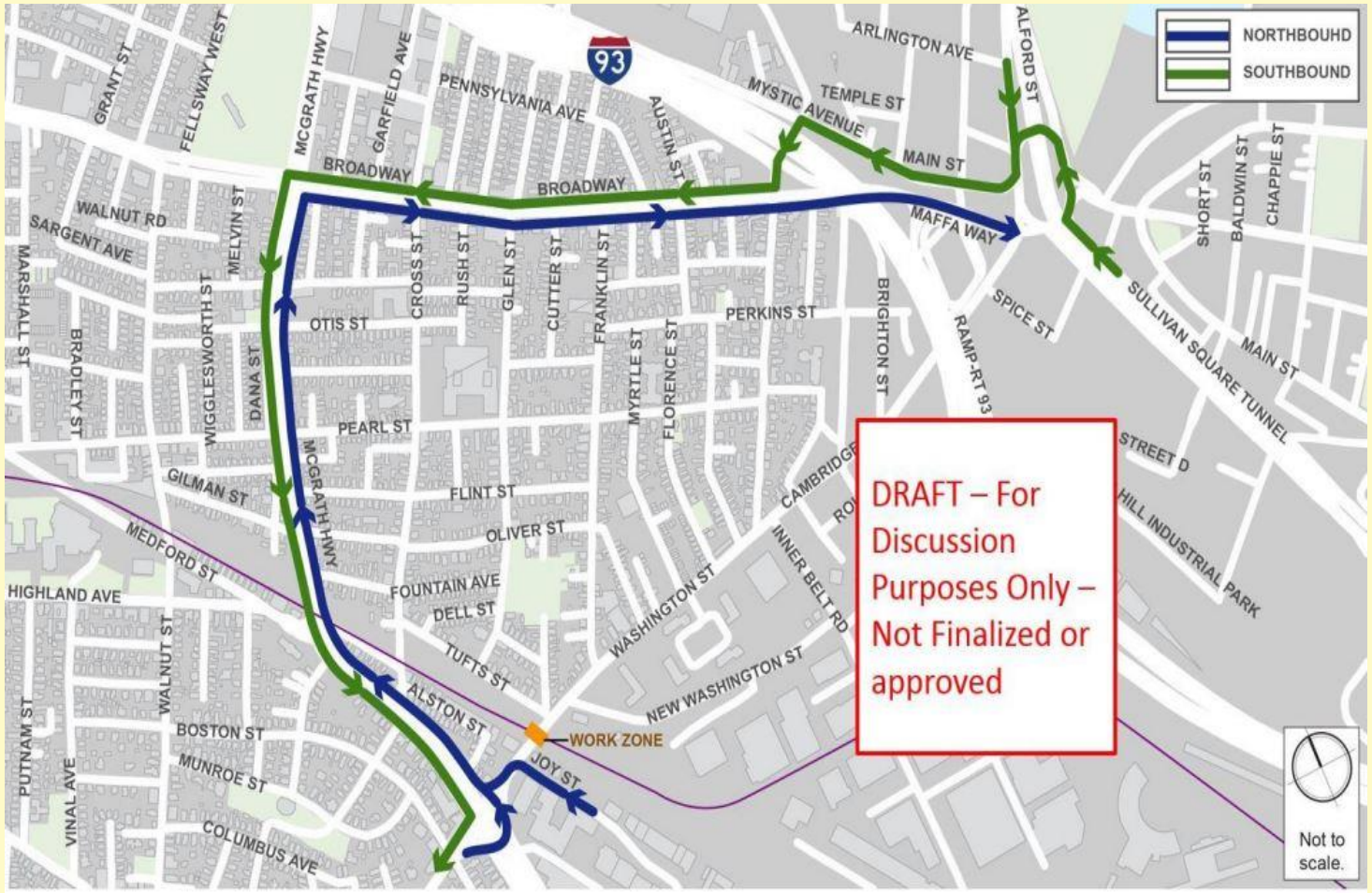
Potential Regional Vehicle Detours



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Potential Local Vehicle Detours

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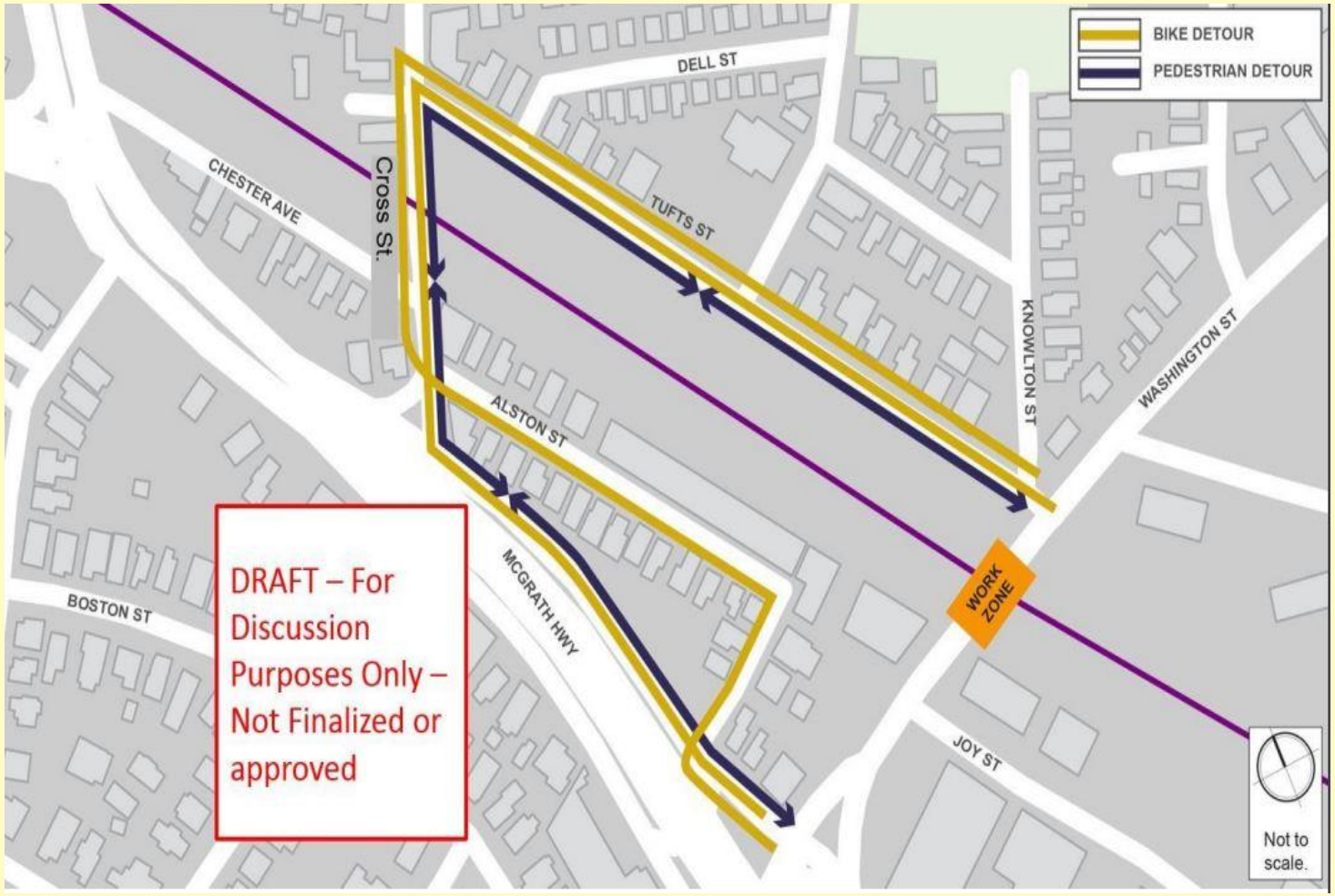
Potential Pedestrian and Bike Detours



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- Overhead utility work close to complete
- North of Park Street – Eversource trench repairs
  - Week of November 5
- New signals installed & operational over fall/winter
  - Full signals at Park Street & Washington Street
  - Pedestrian beacons at Sacramento & Buckingham
- Finalize project Spring 2018
  - Complete sidewalk work, raised crossings, cycle track, pavement markings, signage, and other work

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Pedestrian Beacons

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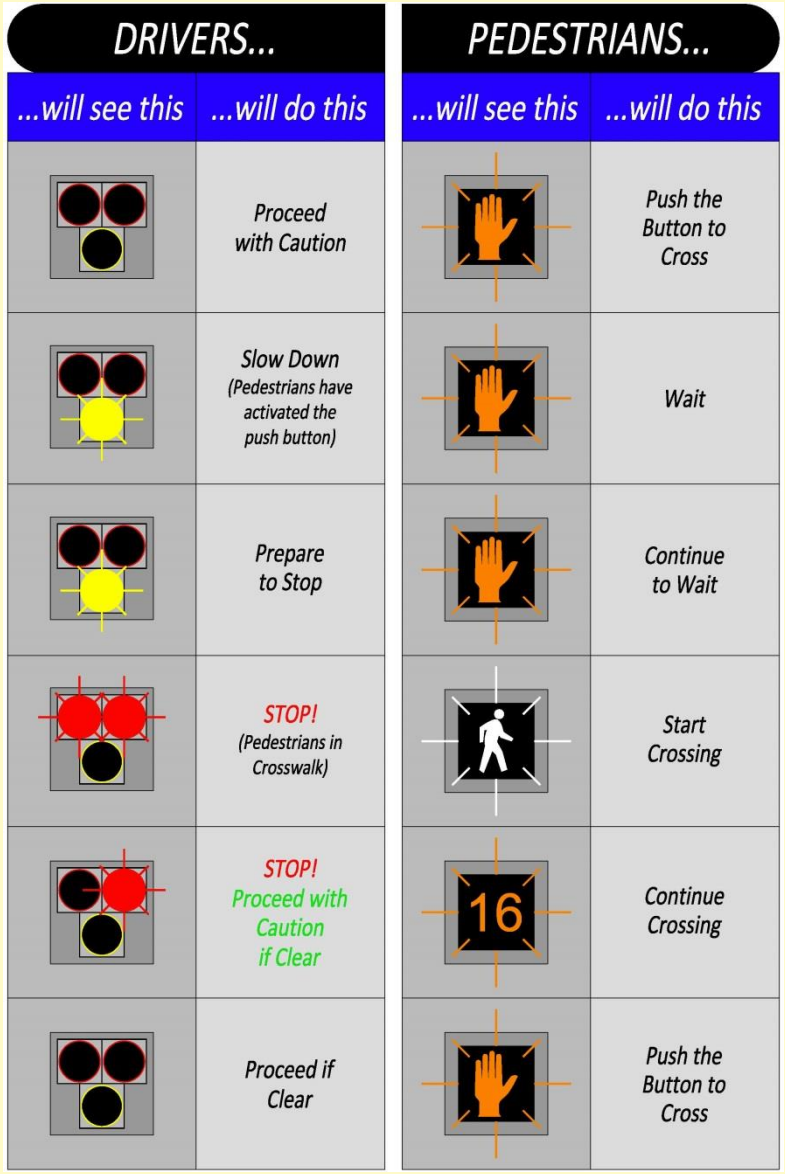
Pedestrian Beacons

- On-demand pedestrian signal
- Beacon faces are blank until activated
- Allows vehicles to proceed after pedestrians have cleared
- Safety benefits (vs. no signal, per FHWA)
  - 29% reduction in total crashes
  - 69% reduction in pedestrian crashes



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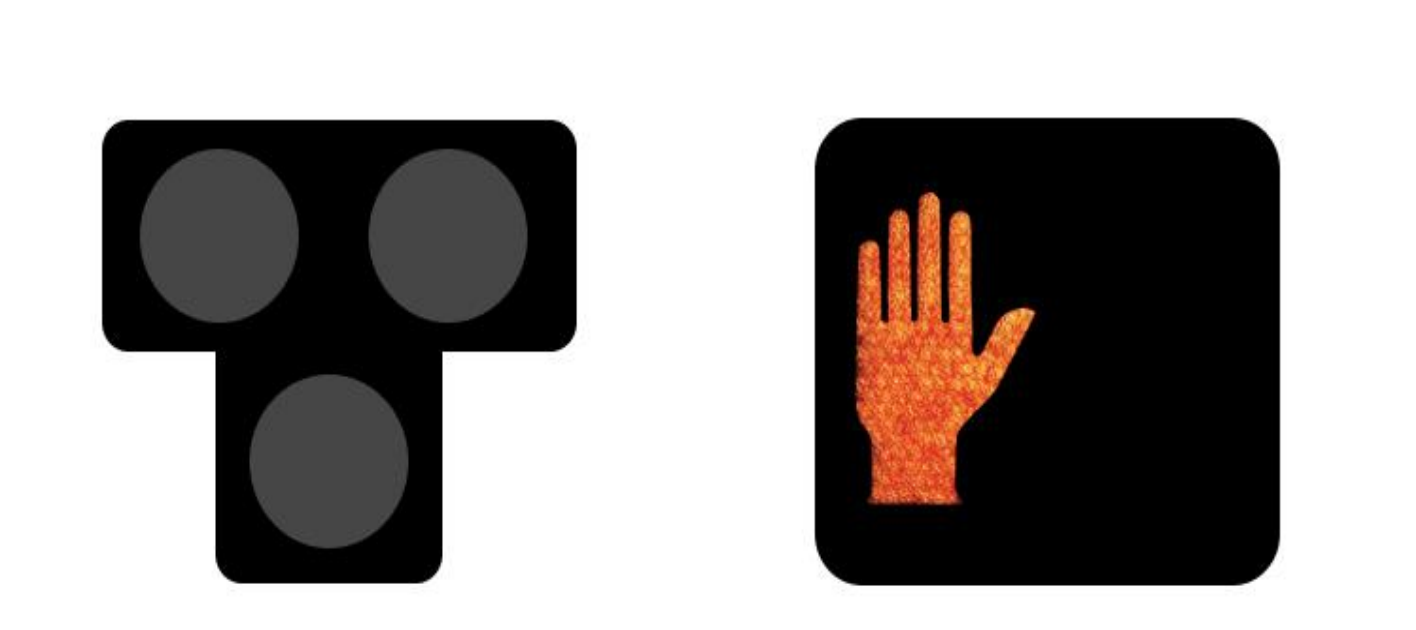
Pedestrian Beacons



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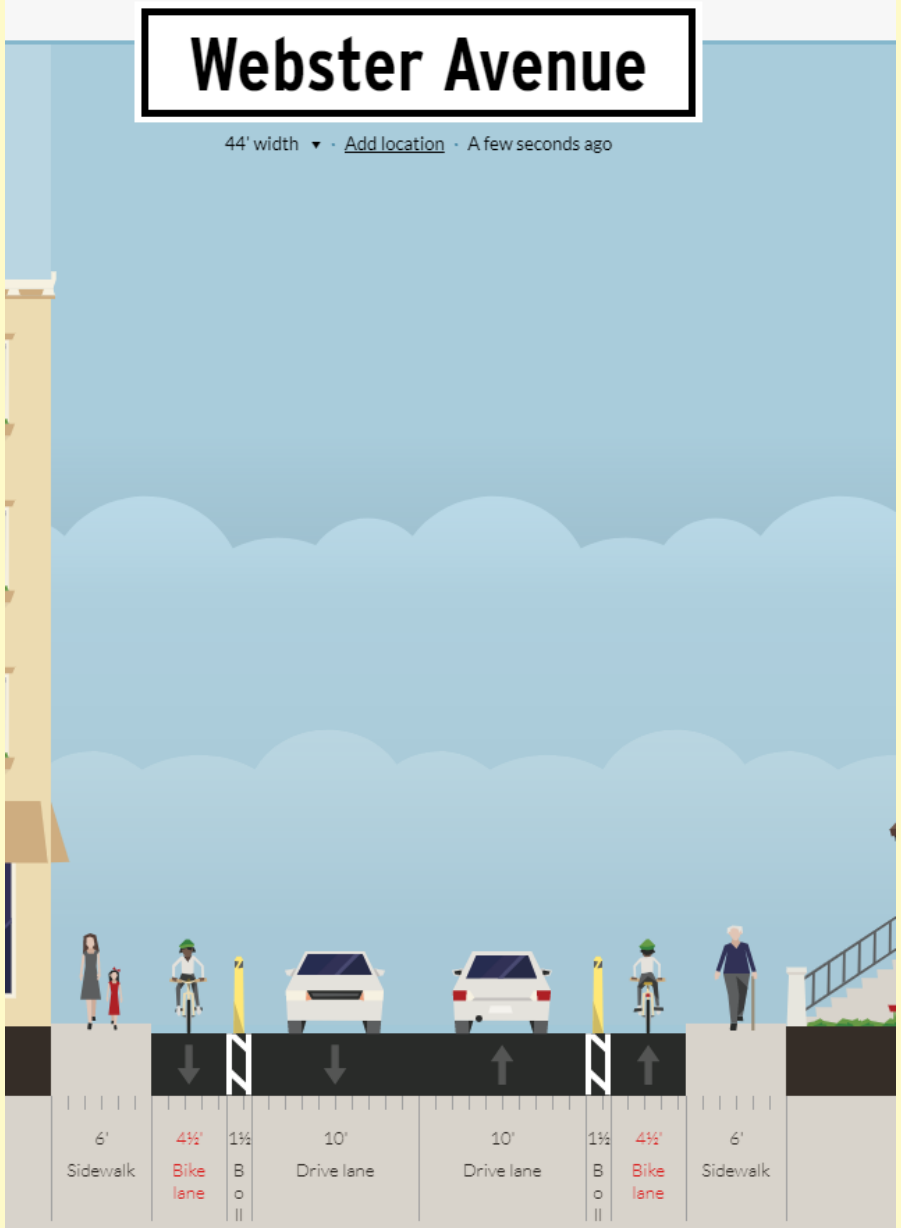
South of Prospect Street

- Partial repave week of November 5 (weather permitting)
- Bike lane flex posts installed mid-November
- Striping likely Spring 2019 (possibly November 2018)



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Considerations

Mount Vernon Street Buffered Bike Lane

- Speeds studied before and after buffered bike lane striping
- 1mph decrease in speeds
- 17.5% decrease in vehicles >25mph
- Repeat experiment after flex post installation
  - Planters?

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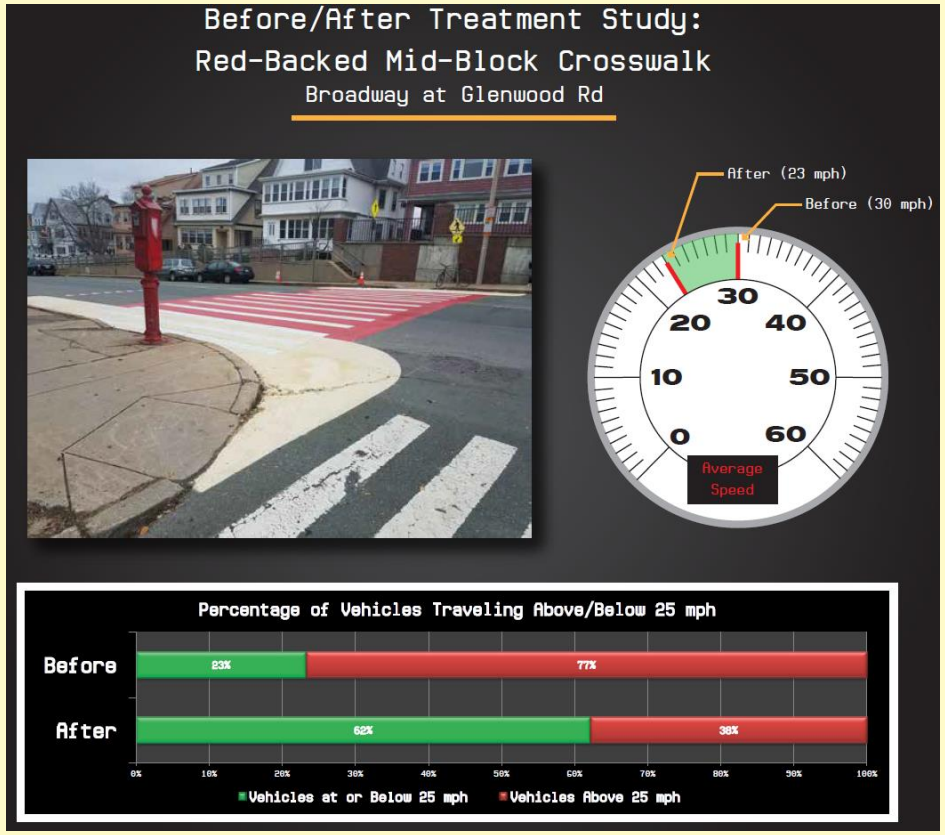
Considerations

Broadway High-Vis Crosswalk

- Speeds studied before and after high-visibility crosswalk painting
  - Tan bump-outs
  - Red-backed crosswalk
- 7mph reduction in average speed
- 50% decrease in vehicles >25mph



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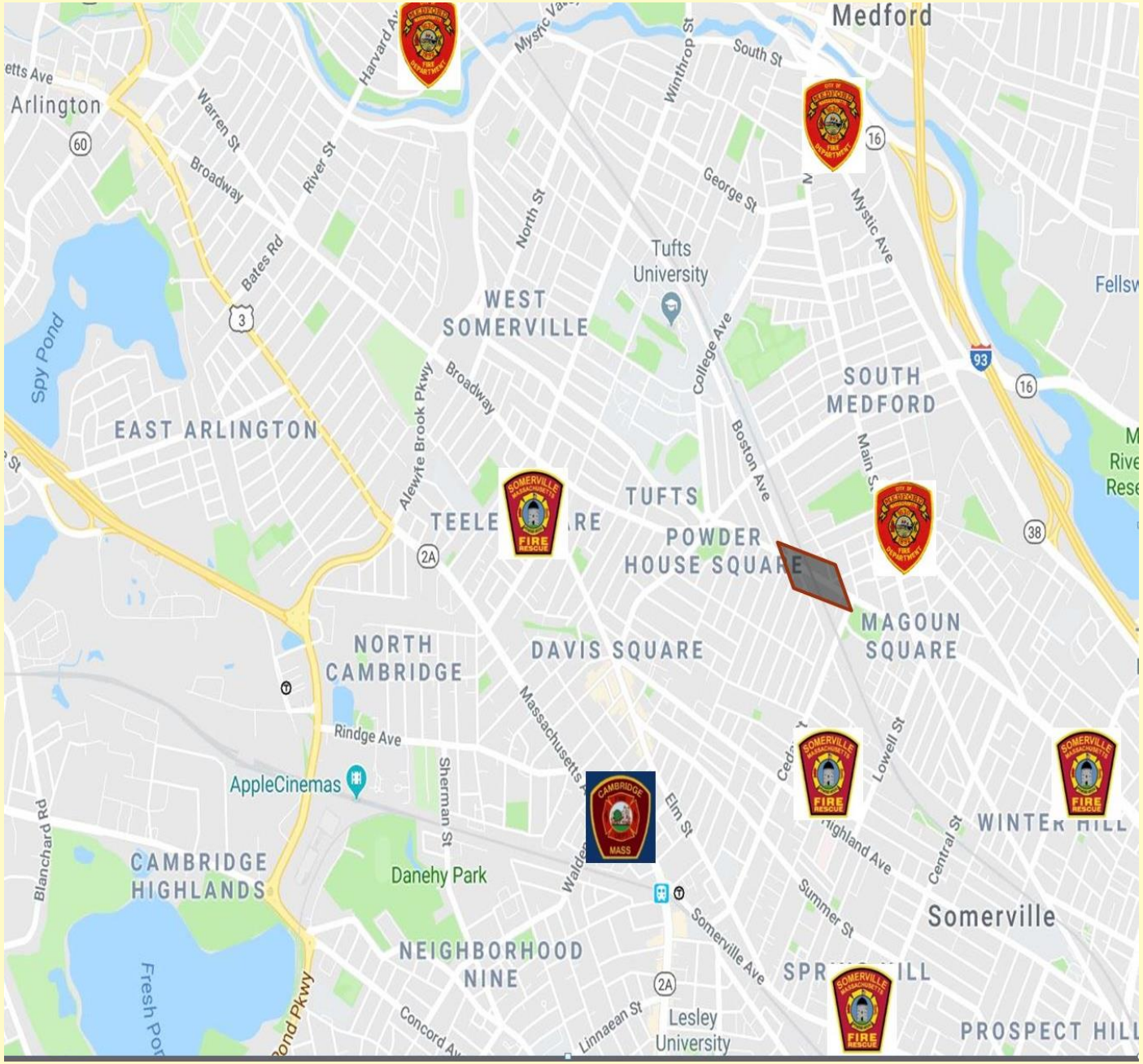
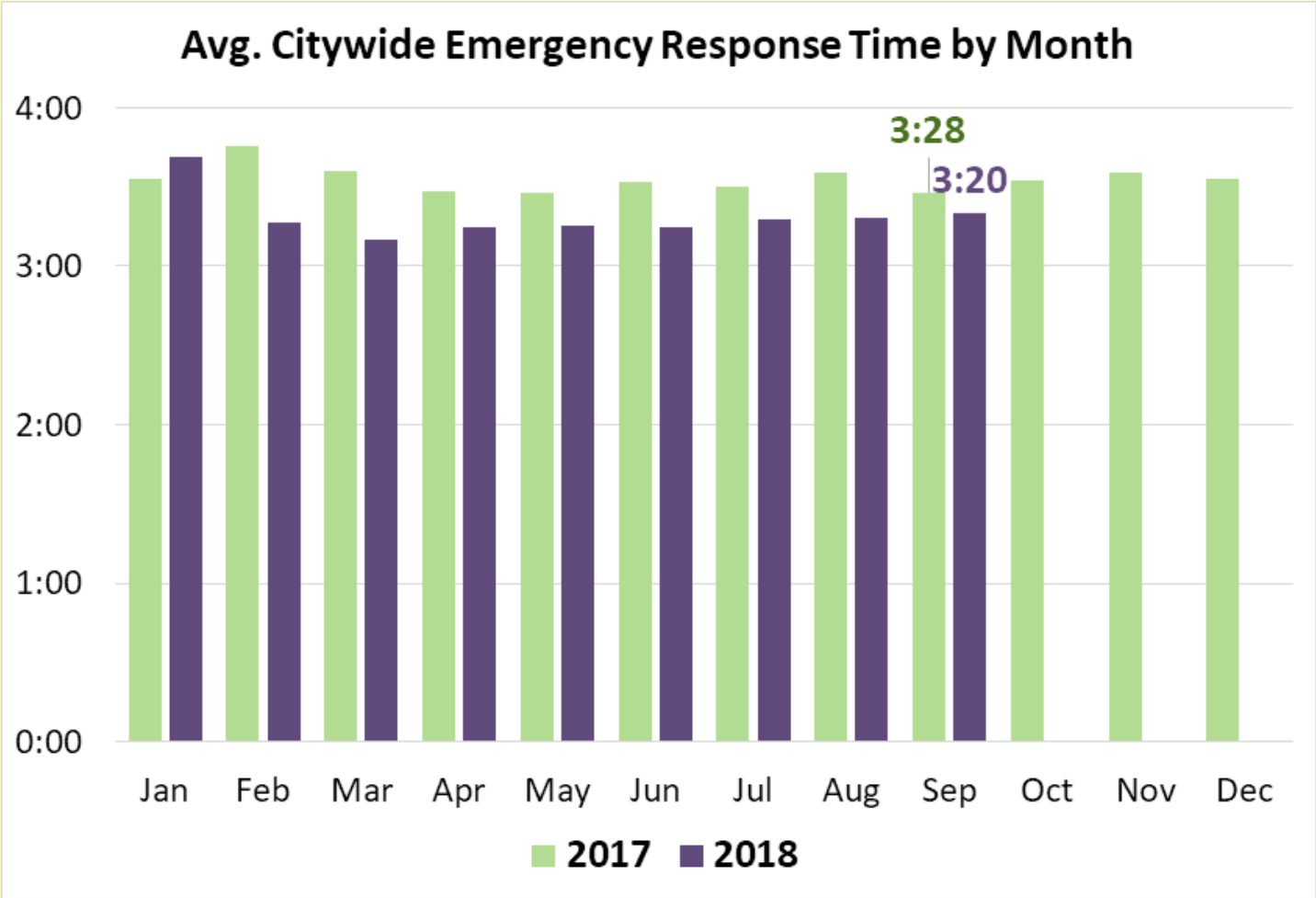


PUBLIC SAFETY DURING CONSTRUCTION

Police, Fire, and Cataldo Ambulance are part of construction planning. Each public safety branch weighs in on detours and how they could affect response time and looks at options for mutual aid or shifting resources.



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ResiStat Ward 2: Police
October 30, 2018

Chief David Fallon

Ward 2 Crime

Crime Trends (10/1/17 – 9/30/18)

Citywide, index crime is **down 2%** over two years; violent crime is **down 18%**.

- 2018 is projected to be a 32-year citywide low, a **69% decrease** vs. 1987

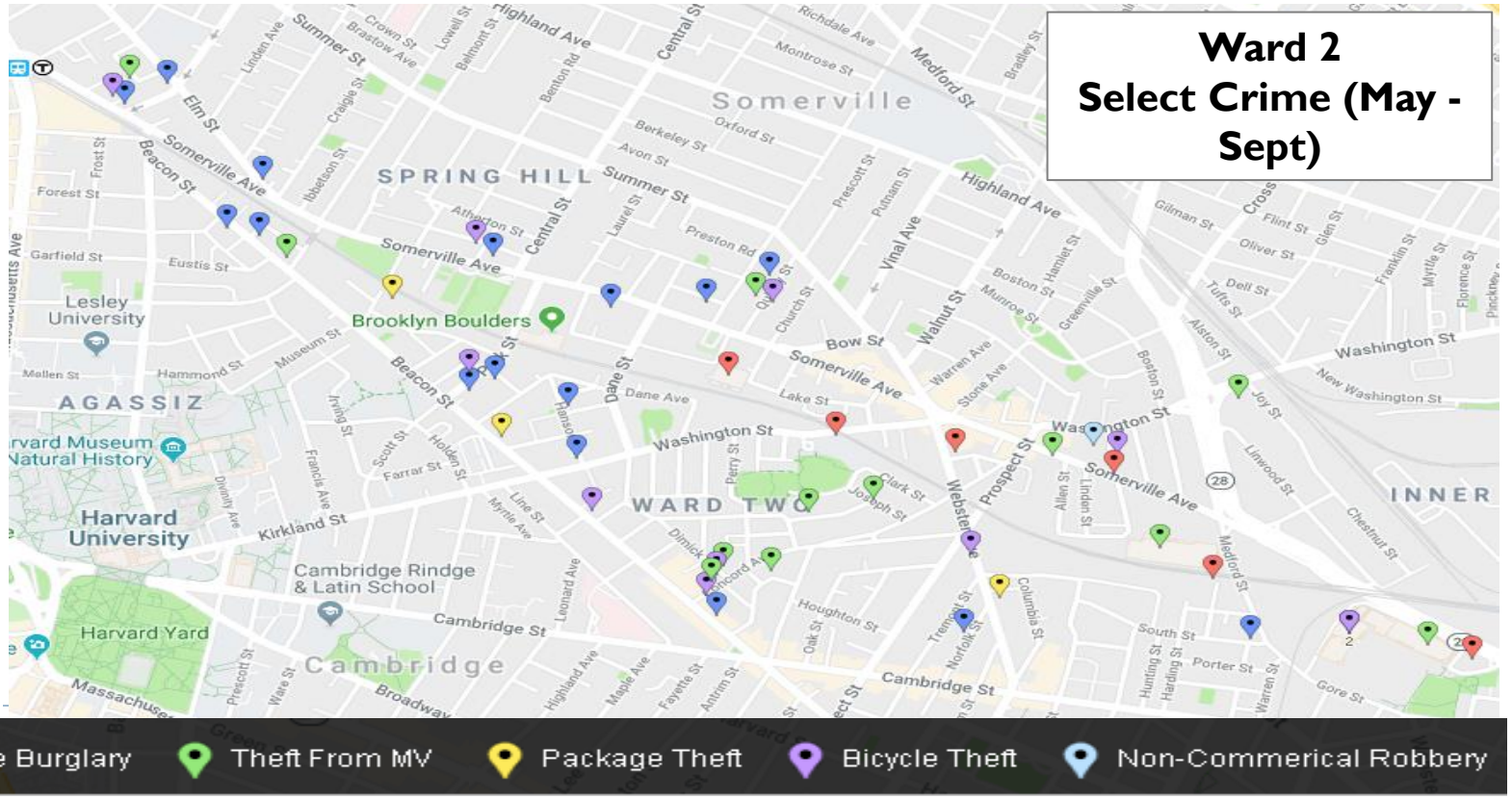
Ward 5: Over the past 12 months, index crime has increased 5% compared to last year due to a spike in house breaks in the winter of 2017.

- In 57% doors and/or windows were left unlocked

Crime Prevention:

- Lock deadbolts (not just door knob)
- Double-secure windows (lock + safety tabs, wooden dowel or wood screws)

- Violent crime **decreased 28%**.



21st Century Policing: 6 Pillars

1. **Building Trust and Legitimacy**
   - Focus on Procedural Justice
   - Community relationship building (Walking Dialogues, STEPS, Jr Police Academy)
2. **Policy and Oversight**
   - Fully transparent policies and procedures (all accessible online)
   - Certified and working towards Accreditation
3. **Technology and Social Media**
   - Social media platforms to enhance communication and awareness
     - https://www.facebook.com/SomervillePolice/
     - IG: @somervillepolice
     - Twitter: @somervillePD
   - SPD Website redesign

Officer Devin Schneider participating in a walking dialogue with a Teen Empowerment member

21st Century Policing: 6 Pillars

4) **Community Policing and Crime Reduction**

- Awarded the 2018 Community Policing Award for the category of over 50,000 population
- The Center for Teen Empowerment's program and partnership SPD will be featured in the National Law Enforcement Museum's inaugural temporary exhibition (Washington D.C.)

5) **Training and Education**

- Impartial Policing Training
- Procedural Justice & Legitimacy Training
- COHR
  - Regional Crisis Intervention Training (CIT)
  - Advanced Training, (Communication with Parents; Motivational Interviewing; Tactical / Verbal Skills and Risk Assessment)
  - Community Training (Recovery Coach Academy, Mental Health First Aid, Youth Mental Health First Aid)

6) **Officer Wellness and Safety**

- Blue Courage Training

Substance Misuse & Mental Health Supports

➢Substance Misuse

Contact	Service	Contact Info.
MA Substance Use Hotline	Treatment program info	800-327-5050
Cambridge Health Alliance	Walk-ins Tue. 11:30; MA Health accepted	617-591-6051
Caspar First Step Outreach	Assist in accessing detox.	617-661-0600
Riverside Community Care	Outpatient; MA Health accepted	617-623-3278
North Charles	Maintenance therapy; MA Health only	617-661-5700
Column Health	Counseling, medication assisted treatment	339-368-7696
Learn 2 Cope	Family support; Mon. 7 PM	1575 Cambridge St, CAM
Family Anonymous	Family support; Tue. 7 PM	121 Washington St, MEF

➢Mental Health

Contact	Service	Contact Info.
Cambridge Health Alliance	Inpatient & outpatient services	Adults: 617-591-6033 Juveniles: 617-665-3458
BEST Team	Psychiatric emergency services; MA Health	800-981-4357
Riverside – Child Guidance Center	Juvenile/family services	617-354-2275
Neighborhood Counseling & Community Services	Counseling, skill & strength-based strategies	781-600-6074